

# PINK BOLLWORM PROGRAM – WEEKLY REPORT

## 40 YEARS OF SERVICE TO COTTON GROWERS



State of California  
2895 N. Larkin, Suite A  
Fresno, CA 93727  
Department of Food & Agriculture  
Plant Health and Pest Prevention Services  
Integrated Pest Control Branch

(559) 445-5472  
FAX 445-5334

Week Ending September 1, 2007

### Pink Bollworm Activities

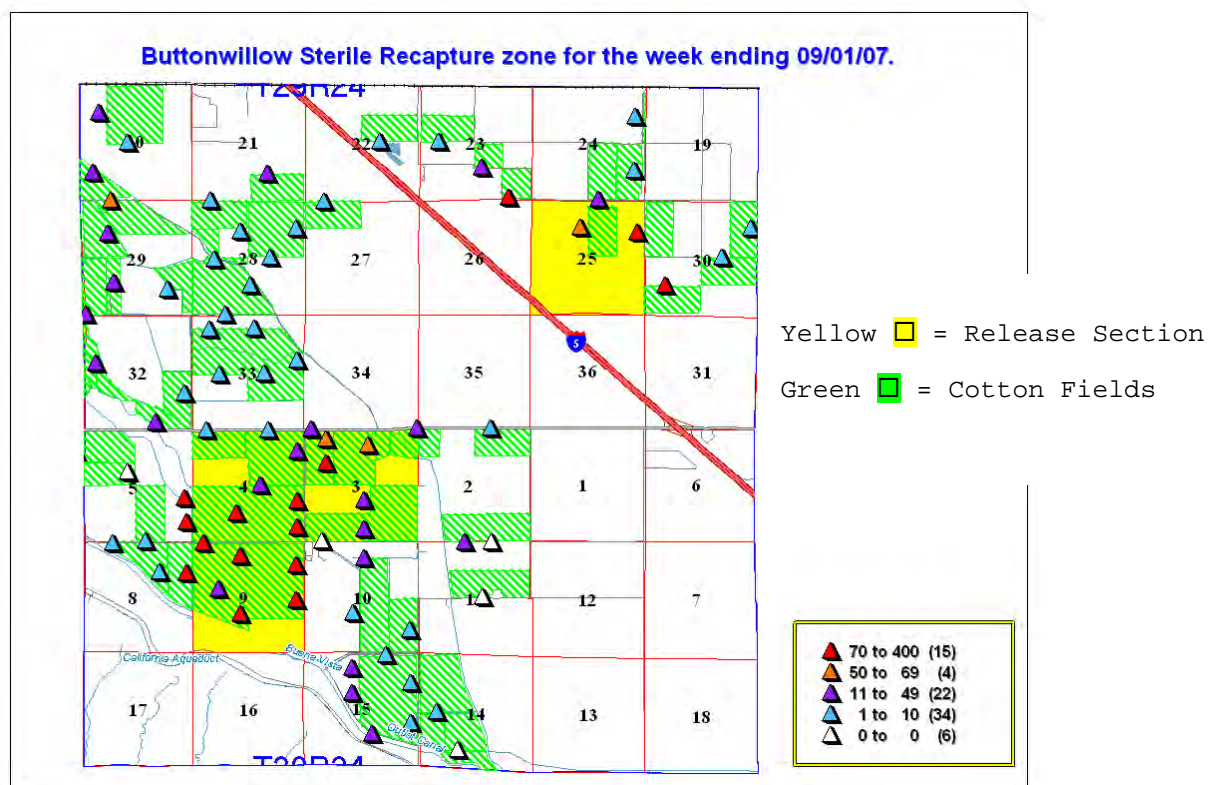
#### Southern California Native Captures Increase Again

Native Pink Bollworm (PBW) captures increased for the third consecutive week. There was a 30% increase, bringing the weekly total of native pink bollworm moths to 35,770. The Ogilby Rd/Highway trap line is along the desert with no cotton for several miles, yet 147 PBW moths were caught in 5 traps.

Agricultural Pest Control Supervisor, Jodi Brigman, reports that Pima cotton in the Bard area is being hit hard by PBW infestations. Jodi also reports that whitefly populations are increasing in Southern California. The PBW Accumulated Heat Unit Model predicts the fourth in-field generation will peak on September 5<sup>th</sup> in Brawley.

#### Warmer Temperatures Increase Moth Activity

There was a 214% increase in sterile moth recaptures over the previous week.



The season total of native PBW captures doubled this past week. There was 1 new native detected in Kern County and 2 natives detected in Tulare County. The season total is now 6. Warmer evening temperatures and high humidity also elevated the sterile moth recaptures this past week. Thursday, August 30<sup>th</sup>, there were scattered thunderstorms and showers. The rain did not hinder the PBW trappers, who stayed right on schedule.

### Sterile Release

The aerial dispersal of sterile PBW moths is performed six days per week (Mon-Sat). Another 11.9 million sterile moths were released over the San Joaquin Valley during the week. The season total now stands at just over 206 million sterile moths released.

## placement of sterile release apparatus in the release aircraft

